Application No. Applicant(s) Index of Claims FABIANO ET AL. 09/831,876 Examiner Art Unit Steven HD Nguyen 2665 (Through numeral) Rejected Non-Elected **Appeal** Cancelled N 0 **Allowed** Restricted Interference Objected

|              |          |                |                    |                  |          |  | •            |          | _            |  |   |             |          |                 |          |          |          | •        |          |          |          |           |       |       |            |          |  |   |                |          |          |          |          |          |
|--------------|----------|----------------|--------------------|------------------|----------|--|--------------|----------|--------------|--|---|-------------|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-------|------------|----------|--|---|----------------|----------|----------|----------|----------|----------|
| Claim        |          |                |                    |                  | Date     |  |              |          |              |  |   | Cla         | im       |                 | Date     |          |          |          |          |          |          | [         | Claim |       |            | Date     |  |   |                |          |          |          |          |          |
| Final        | Original | 3/15/05        |                    |                  |          |  |              |          |              |  |   | Final       | Original |                 |          |          |          |          |          |          |          |           |       | Final | Original   |          |  |   |                |          |          |          |          |          |
|              | 1        | -              | <del> </del>       | <del>  -  </del> | -        | <del>                                     </del> | ╁            | ╁        | +            | $\vdash$   | 1 | $\vdash$    | 51       | $\vdash$        | -        |          | -        | ┪        | $\dashv$ | -        | ᅥ        | ᅱ         | -     |       | 101        | _        | $\vdash$   | _ |                | -        |          | H        |          | -        |
|              | 2        | -              | ╁                  | ┢                | ✝        | ┢  | ╁            | ╁        | +            |  | 1 |             | 52       |                 | -1       | _        | 7        | -        | $\neg$   | _        | -        | $\dashv$  | ŀ     |       | 102        |          | <del>                                     </del> | _ | $\vdash$       | $\vdash$ | $\vdash$ | Н        |          |          |
|              | 3.       | -              | T                  | Г                |          | T  | Π            | Τ        | Τ            |  | 1 |             | 53       |                 |          | 寸        | 寸        | T        |          |          | 寸        | ┪         | Ì     |       | 103        |          |  |   |                |          |          | П        |          | $\neg$   |
|              | 4        | -              |                    |                  |          |  | П            |          |              |  | 1 |             | 54       |                 | $\neg$   | ヿ        | ヿ        | $\neg$   |          |          | $\neg$   | ╗         | Ī     |       | 104        |          |  |   |                |          |          |          |          |          |
|              | 5        | -              | $oxedsymbol{oxed}$ |                  |          |  | $oxed{oxed}$ | L        | L            |  | ] |             | 55       |                 |          |          |          |          |          |          |          |           |       |       | 105        |          |  |   |                |          |          |          |          |          |
|              | 6        | ✓              | L                  | _                | _        | <u> </u>   | <u> </u>     | _        | L            |  | ļ |             | 56       |                 |          |          |          | $\Box$   |          |          |          | Ц         |       |       | 106        |          |  |   |                |          |          |          |          |          |
|              | 7        | ✓              | <u> </u>           | L_               | L.       | <u> </u>   | <u> </u>     | _        |              | <u> </u>   | ļ |             | 57       |                 |          | _        |          | _        |          | _        | _        | _         | L     |       | 107        |          |  |   |                |          |          |          |          |          |
|              | 8        | V              | <u> </u>           | <u> </u>         | _        | <u> </u>   | _            | 1        | <u> </u>     | <u> </u>   | ļ | <u> </u>    | 58       |                 | $\dashv$ | _        | _        | _        | _        | _        | _        | _         | ļ     |       | 108        |          |  |   | <u> </u>       |          |          |          |          | _        |
|              | 9        | V              | <u> </u>           | ├-               | -        | ┞  | ▙            | ╄        | ┡            | <u> </u>   | ļ | <u> </u>    | 59       | _               |          | _        | _        |          |          | _        | _        | _         | -     |       | 109        | $oxed{}$ |  |   |                |          |          | Щ        |          | لــــ    |
| <u> </u>     | 10       | ✓              | <u> </u>           | ⊢                | ├-       | ┞  | ⊢            | ╀        | ⊢            | ⊢  | ł | <u> </u>    | 60       | _               |          | $\dashv$ | _        | -        | _        | _        | -        | -         | ŀ     |       | 110        |          |  | _ | ļ              | _        |          | Н        | _        |          |
|              | 11       | ⊢              | -                  | $\vdash$         | ┢        | ┢  | -            | ╀        | ╁            | ╌  | 1 | -           | 61<br>62 | Н               | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | }     |       | 111<br>112 | $\vdash$ | $\vdash$   |   | <u> </u>       | $\vdash$ | <u> </u> | H        |          | $\dashv$ |
|              | 13       |                | $\vdash$           | $\vdash$         | +-       | $\vdash$   | ┼            | +        | $\vdash$     | <del>  -  </del>                                 | ł |             | 63       | Н               | $\dashv$ | $\dashv$ |          |          | $\dashv$ | -        | $\dashv$ | $\dashv$  | }     | -     | 113        | -        | $\vdash$   | - | $\vdash$       | $\vdash$ | <u> </u> | $\vdash$ | -        | $\dashv$ |
| <del> </del> | 14.      | $\vdash$       | -                  | -                | 1        | ╁  | ╁            | $\vdash$ | +-           | $\vdash$   | 1 |             | 64       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |          | -1       |          | $\dashv$ | $\dashv$  | ł     |       | 114        | -        | Н  |   | $\vdash$       | -        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |
|              | 15       |                |                    | $\vdash$         | $\vdash$ | t  | H            | +        | $\vdash$     | 1  | ſ |             | 65       | H               | $\dashv$ | $\dashv$ | +        |          |          | -        | $\dashv$ | $\dashv$  | - }   | -     | 115        |          |  | — | ┢              | -        | $\vdash$ | $\vdash$ | -        | $\dashv$ |
|              | 16       |                |                    | $\vdash$         | t        | t  | t            | t        | 1            | $\vdash$   | 1 | <b></b>     | 66       | Н               |          | $\dashv$ | +        |          |          |          | 十        | $\dashv$  | ŀ     |       | 116        |          | Н  | _ | 一              | H        | $\vdash$ | H        | -        | $\dashv$ |
|              | 17       |                |                    | $\vdash$         | Ħ        | T  | T            | T        | 1            |  | 1 | <b>-</b>    | 67       |                 | $\dashv$ | 寸        | 7        | 寸        |          | _        | ヿ        | ᅥ         | ŀ     |       | 117        |          |  | _ | $\vdash$       |          |          | Н        |          | $\neg$   |
|              | 18       |                | Г                  | _                | ⇈        |  | 1            | Τ        | T            |  | 1 |             | 68       |                 | _        | 寸        |          | T        |          | T        | 1        | $\exists$ | Ī     |       | 118        |          |  |   |                | _        |          |          |          | $\neg$   |
|              | 19       |                |                    |                  |          |  | Г            | $\top$   |              | Г  | 1 |             | 69       |                 |          | $\neg$   |          |          |          | T        | T        | $\neg$    | Ì     |       | 119        |          |  |   |                |          |          | П        |          |          |
|              | 20       |                |                    |                  |          |  |              |          |              |  | ] |             | 70       |                 | Ì        |          |          |          |          |          |          |           | Ī     |       | 120        |          |  |   |                |          |          |          | $\neg$   |          |
|              | 21       |                |                    |                  |          |  |              |          |              |  | ] |             | 71       |                 |          |          |          |          |          |          |          |           |       |       | 121        |          |  |   |                |          |          |          |          |          |
|              | 22       | _              | _                  | _                |          |  | <u> </u>     |          |              | L  |   |             | 72       | Ш               |          |          |          |          | $\Box$   |          |          |           |       |       | 122        |          |  |   |                |          |          |          |          |          |
|              | 23       | L              | _                  | L                | <u> </u> | <u> </u>   | ₋            | 1        | _            |  |   |             | 73       |                 | _        | _        |          | _        | _        | _        | _        | _         | L     |       | 123        |          |  |   | _              |          |          | Ш        |          |          |
|              | 24       | ļ              | <u> </u>           |                  | <u> </u> | <u> </u>   | _            |          | ļ            |  |   |             | 74       |                 | _        | _        | _        | _        | $\dashv$ | _        | _        |           | L     |       | 124        |          |  |   | _              |          |          |          | _        |          |
|              | 25       | <del> </del> _ | <u> </u>           | ļ                | ļ        | <u> </u>   | 1            | ļ        | -            | _  | 1 |             | 75       |                 | _        | _        | 4        |          |          |          | _        | _         | -     |       | 125        |          |  | _ | _              |          |          | Щ        | _        |          |
|              | 26       | <u> </u>       |                    |                  | <b> </b> | <b> </b>   | ⊢            | -        | ┼-           | -  | - | <u> </u>    | 76       | Ш               | -        |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           | -     |       | 126        |          | Ш  |   | <u> </u>       |          |          | -        |          | $\dashv$ |
|              | 27<br>28 | -              | <del> </del>       | _                | ⊢        | ├  | ┝            | +-       | <del> </del> | -  | ł |             | 77       |                 |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  | ŀ     |       | 127        |          | Ш  |   | _              | _        |          | -        | _        | _        |
| <u> </u>     | 29       | ├              | $\vdash$           | -                | ⊢        | ⊢  | ⊢            | ╁        | ╁            | ┢  | ł |             | 78<br>79 |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -+       | $\dashv$  | - }   |       | 128<br>129 |          |  |   |                | _        |          | Н        | $\dashv$ | $\dashv$ |
|              | 30       | ┝              | <del> </del>       |                  | -        | <del> </del>                                     | ┢            | ┢        |              |  | { | <u> </u>    | 80       | Н               | $\dashv$ | $\dashv$ | ┪        |          |          | -        | -        |           | - }   |       | 130        |          | $\vdash$   |   | -              | _        | $\vdash$ | -1       | $\dashv$ | -        |
| <b></b> -    | 31       | -              | $\vdash$           | -                | -        | $\vdash$   | $\vdash$     | $\vdash$ |              |  | 1 | <del></del> | 81       | H               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | ᅱ        | $\dashv$ | $\dashv$  | ŀ     |       | 131        | _        | Н  |   | $\vdash$       |          |          | $\dashv$ | -        | _        |
|              | 32       | $\vdash$       | t                  | $\vdash$         | $\vdash$ |  | $\vdash$     | T        | +-           | <del>                                     </del> | 1 |             | 82       | H               | $\dashv$ | $\dashv$ | -        | -+       | -        | $\dashv$ | $\dashv$ | $\dashv$  | ŀ     |       | 132        |          | H  |   | $\vdash$       | $\vdash$ | $\dashv$ | $\vdash$ | $\dashv$ | _        |
|              | 33       | Т              | Т                  | $\vdash$         | t        |  | t            | t        | T            | T  | 1 |             | 83       | Н               | $\dashv$ | $\dashv$ | +        | $\neg$   | -        | -        | _        | $\dashv$  | ŀ     |       | 133        |          | Н  |   | $\vdash$       | $\vdash$ | -        | Н        |          | $\neg$   |
|              | 34       | ļ              | Г                  | Г                |          | Г  |              | 1        |              |  | 1 |             | 84       | П               | $\neg$   | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | 寸        | $\neg$    | f     |       | 134        |          | П  |   |                |          |          |          | $\dashv$ | $\dashv$ |
|              | 35       |                |                    |                  |          |  |              |          |              |  | 1 |             | 85       | П               | T        | $\dashv$ | $\dashv$ | _        | $\neg$   | 7        | $\dashv$ |           | ı     |       | 135        |          | П  |   |                |          |          |          |          | $\dashv$ |
|              | 36       |                |                    |                  |          |  |              |          |              |  |   |             | 86       |                 |          | 丁        |          |          |          |          |          |           | Ī     |       | 136        |          |  |   |                |          |          |          |          | $\neg$   |
|              | 37       |                |                    |                  |          |  | $\Box$       |          |              |  |   |             | 87       |                 |          |          |          |          |          |          | J        |           |       |       | 137        |          |  |   |                |          |          |          |          |          |
|              | 38       |                |                    |                  |          |  |              |          |              |  |   |             | 88       |                 |          | $\Box$   | $\Box$   | $\Box$   | $\Box$   | J        | $\Box$   | $\Box$    |       |       | 138        |          |  |   |                |          |          |          |          |          |
|              | 39       | _              |                    | <u> </u>         | <u> </u> | <u>L</u>   | L            |          | <u> </u>     | <u> </u>   |   |             | 89       | Ш               | _[       | _[       | $\perp$  |          | $\Box$   | $\bot$   |          |           |       |       | 139        |          |  |   |                |          |          |          |          |          |
| ļ            | 40       | _              | _                  |                  | _        |  | $\vdash$     | $\vdash$ | <u> </u>     | <u> </u>   |   |             | 90       | Щ               | _        | 4        | _        | _        | _        | _        |          | _         | L     |       | 140        |          | Ш  | _ | <u> </u>       |          |          | $\sqcup$ |          | _        |
|              | 41       | _              | <u> </u>           | <u> </u>         | <u> </u> | <u> </u>   | $\vdash$     | ₩        | <u> </u>     | ⊢  |   |             | 91       | $\sqcup$        | _        | $\dashv$ | 4        | _        | _        | _        | _        | _         | Ļ     |       | 141        | _        |  |   | ļ              | Щ        | $\sqcup$ |          | _        | $\perp$  |
|              | 42       |                | _                  | <u> </u>         | ├—       | <del> </del>                                     | ├-           | ╀        | ├-           |  |   | $\vdash$    | 92       |                 | -        | +        |          | -        | _        | $\dashv$ | $\dashv$ | 4         | ŀ     |       | 142        |          |  |   | H              |          |          |          |          |          |
| <b></b>      | 43<br>44 |                | -                  |                  | <u> </u> | ⊢  | $\vdash$     | 1        | ┢            | $\vdash$   |   |             | 93<br>94 | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -+       | -        |          |          | $\dashv$ | $\dashv$  | ŀ     |       | 143<br>144 |          |  |   | $\vdash\vdash$ | $\vdash$ |          |          | $\dashv$ | ᅴ        |
|              | 45       | $\vdash$       | _                  | —                | _        | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   |   |             | 95       | $\vdash$        | +        | $\dashv$ |          | }        | -        | -        | +        | $\dashv$  | F     |       | 145        | $\dashv$ |  |   | -              | -        |          |          | $\dashv$ | $\dashv$ |
|              | 46       |                | $\vdash$           | _                | -        |  | -            | ╁        | ├─           | $\vdash$   |   |             | 96       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$  | +     |       | 146        | $\dashv$ | $\vdash$   |   | $\vdash$       | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
| -            | 47       | -              | $\vdash$           |                  |          | $\vdash$   | $\vdash$     | +        | $\vdash$     | $\vdash$   |   | $\vdash$    | 97       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | ᆉ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | <br>  |       | 147        | $\dashv$ |  |   | $\vdash$       | $\dashv$ |          | $\dashv$ |          | $\dashv$ |
|              | 48       | $\vdash$       | $\vdash$           |                  | $\vdash$ | -  | ┢            | <u> </u> | $\vdash$     | $\vdash$   |   |             | 98       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$ | $\dashv$  | H     | -     | 148        | $\dashv$ |  |   | H              | $\dashv$ | -        | $\dashv$ | $\dashv$ | ᅱ        |
|              | 49       |                |                    |                  | Н        |  | H            | T        | $\vdash$     |  |   | $\vdash$    | 99       | -               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -1       | -        | $\dashv$ | $\dashv$  |       |       | 149        |          | $\dashv$   |   | Н              |          |          | $\neg$   | $\dashv$ | ᅱ        |
|              | 50       |                |                    |                  | Г        | Г  | Γ            | T        |              | Г  |   |             | 100      |                 | 1        | 十        | $\dashv$ | $\dashv$ | 寸        | 7        | 寸        | ┪         | İ     |       | 150        |          | $\neg$   |   | П              |          | 寸        |          | 一        | ㅓ        |
|              |          |                |                    |                  |          |  |              |          |              |  |   |             |          |                 |          |          |          |          |          |          |          |           |       |       |            |          |  |   |                |          |          |          |          |          |